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No. 45] NEW DELHI, SATURDAY, NOVEMBER 8, 1975 (KARTIKA 17, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखी जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2 PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 8th November 1975

APPLICATION FOR PATENTS FILED AT THE
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

3rd October 1975

1893/Cal/75. Bayer Aktiengesellschaft. Process for the preparation of halogenoanthiaquinones.

1894/Cal/75. USS Engineers and Consultants, Inc. Slidable gate mechanism.

1895/Cal/75. Canathane Roller Corporation Limited. Improvements relating to cylinders for printing machines. (October 7, 1974).

1896/Cal/75. Imperial Chemical Industries Limited. Process for separating an acid gas from a gaseous mixture. (October 14, 1974).

1897/Cal/75. American Cyanamid Company. Manufacture of 1,2-dimethyl-3,5-diphenyl-pyrazolium methylsulfate.

1898/Cal/75. United States Pipe and Foundry Company. Apparatus for shifting trough of centrifugal casting machine.

1899/Cal/75. Shin-Etsu Chemical Co. Ltd. Method for removing unreacted monomers from aqueous dispersions of polymerizate.

19/Cal/75. Siemens Aktiengesellschaft. An electrically conductive sealing element.

1901/Cal/75. Gould, Inc. Cadmium-Antimony-Lead-Alloy for maintenance free lead-acid battery. (November 25, 1974).

1902/Cal/75. BASF Aktiengesellschaft. Particulate expandable styrene polymers for the manufacture of foams.

1903/Cal/75. BBC Brown Boveri & Company Limited. Dynamic gas pressure converter.

1904/Cal/75. British Steel Corporation. Improvements in or relating to non-destructive testing apparatus. (October 15, 1974).

1905/Cal/75. Maschinenfabrik Rieter A.G. Oil feed device. (October 14, 1974).

1906/Cal/75. United States Gypsum Company. Improved phosphate process.

1907/Cal/75. President of Tohoku University. Process for producing a gaseous product from carbonaceous material.

1908/Cal/75. CMC Invention Instruments Co. Gas consumption indicating device.

4th October, 1975

1909/Cal/75. K. Gupta. Improvement in or relating to method of and means for locking and/or fastening the rolling shutter or like door to floor.

1910/Cal/75. Bayer Aktiengesellschaft, formerly known as farbenfabrik-an Bayer Aktiengesellschaft. Process for preparation of new 2-arylimino-thiazolidines. [Divisional date August 4, 1971].

1911/Cal/75. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for preparation of new 2-acylimino-thiazolidines. [Divisional date August 4, 1971].

1912/Cal/75. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for preparation of new 2-acylimino-thiazolidines. [Divisional date October 4, 1971].

1913/Cal/75. Smith Kline & French Laboratories Limited. Isothioureas. [Divisional date October 28, 1970].

1914/Cal/75. Medodobiven Kombinat "G. Damyanov". Method and installation for electrolysis of non-ferrous metals.

1915/Cal/75. Knorr-Bremse GMBH. Compressed-air braking device for rail vehicles.

1916/Cal/75. President, Forest Research Institute and Colleges. A process for the manufacture of mica sheet. [Addition to No. 930/Cal/73].

1917/Cal/75. G. K. Kabra. Igniting appliance.

1918/Cal/75. G. K. Kabra. Igniting appliance.

6th October, 1975

1919/Cal/75. M. Singh. Safety device against over heating of engines.

1920/Cal/75. G. R. Industries. "Toy sewing machine".

1921/Cal/75. J. Zimmer. An arrangement for treating a sheet of material.

1922/Cal/75. S. Singh. Production of energy.

1923/Cal/75. The Lucas Electrical Company Limited. Starter motor. (October 16, 1974).

1924/Cal/75. Thagard Technology Company. Fluid-wall reactors and their utilization in high temperature chemical reaction processes.

1925/Cal/75. Colgate Palmolive Company. Composition for improving the condition of the oral cavity. [Divisional date September 24, 1971].

1926/Cal/75. E. L. Sumner. A locking device for selectively locking a desired attachment to a ramming and cutting equipment. Addition to No. 123458].

1927/Cal/75. I. B. Altshuler, (2) V. S. Kildishev (3) I. N. Peregudov, and M. B. Fainshtein. Reversible electric machine rotor.

8th October, 1975

1928/Cal/75. Anatoly Lazarevich Efremidi and Anton Lavrentievich Sa'al'dze. Installation for electro-slag precipitation.

1929/Cal/75. McNeil Corporation. Tire curing press centre mechanism.

1930/Cal/75. M. F. Daudi. A mechanical pump.

1931/Cal/75. Chinoim Gyogyeszer-Es Vegyeszeti Teronekek Gyara R. T. A process for the preparation of new rhodanine derivatives. [Divisional date July 18, 1966].

1932/Cal/75. Diamond Shamrock Corporation. Chloralkali Electrolysis cell employing ethylene diamine-modified membranes.

1933/Cal/75. Diamond Shamrock Corporation. Polyamine-modified membranes and chlor-alkali electrolysis cells employing same.

1934/Cal/75. Societe Francaise Des Produits Pour Catalyse New catalysts for hydrocarbon conversion.

1935/Cal/75. V. P. Gupta. Container for thermometers.

1936/Cal/75. NRM Corporation. Tire press unloader.

1937/Cal/75. NRM Corporation. Green tire loader.

1938/Cal/75. Union Carbide Corporation. Centrifuge separation and washing device and method.

1939/Cal/75. Continental Can Company Inc. Runner manifold for injection molding machine.

1940/Cal/75. John D. Hollingsworth On Wheels, Inc. Metallic flat clothing for textile carding apparatus.

1941/Cal/75. Bayer Aktiengesellschaft formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new aminophenylimidines and cycloimidines. [Divisional date June 9, 1971].

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

22nd September, 1975

257/Bom/75. P. S. Sawhney. Conshelf'a.

23rd September, 1975

258/Bom/75. Larsen & Toubro Limited. An improvement in switching devices employing an electromagnet.

259/Bom/75. Ciba-Geigy of India Limited. Process for the manufacture of dyestuff preparations.

24th September, 1975

260/Bom/75. Shri J. B. Deshmukh. Automatic self operating gate for unmanned railway crossings.

25th September, 1975

261/Bom/75. Y. U. Mirza. Multi purpose portable chargeable kishan light.

27th September, 1975

262/Bom/75. Mrs. Swatee Shrichand Bathija. A mechanical comparator.

ALTERATION OF DATE

138004.

1314/Cal/74. Ante-dated to 4th October, 1969

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy

Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F₂b. I.C.-C07d 93/14.

90178.

PROCESS FOR PREPARATION OF N-ALKYL-PIPERAZINO-N'-ALKYL-3-ACIDYLPHENOTHIAZINE-(10) BASES AND THEIR SALTS.

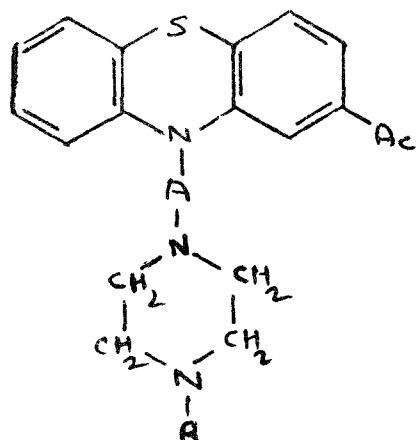
VEB ARZNEIMITTELWERK DRESDEN, OF RADEBEUL 1, STALINSTRASSE 35, GERMAN DEMOCRATIC REPUBLIC.

Application No. 90178 filed October 7, 1963.

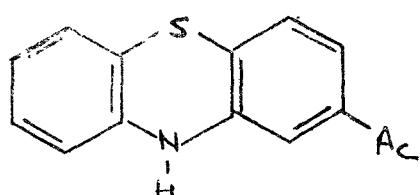
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

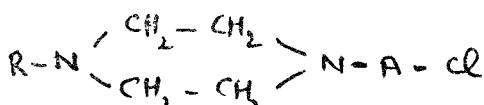
Process for preparation of N-alkyl-piperazino-N'-alkyl 3-acyl-phenothiazine-(10)-bases of the formula as shown in figure 1.



wherein Ac denotes a straight or branched acyl group. A represents a straight or branched alkylene group and R a straight or branched alkyl residue with 1 to 5 C atoms and their pharmaceutically acceptable salts thereof which comprises condensing 3-acyl-phenothiazines of the formula as shown in figure 2.



wherein Ac has the same meaning as above, with basic chlorides of the formula as shown in figure 3.



or their salts wherein A and R have the same meaning as above, characterized in that the said reaction is carried out in the presence of inert organic solvents, such as toluene, benzene, acetone and in the presence of caustic alkalis, the condensation reaction being carried out using molar excess of caustic alkalies, the molar quantities

having more than 5 and 10 moles of caustic alkali depending upon the basic chloride or its salts used, when desired converting the product into the pharmaceutically acceptable salt in a conventional manner.

CLASS 32F₁+F₂b+F₃b & 55E₂+E₄. I.C.-C0xd 7/34.

104449.

PRODUCTION OF BIS-CHROMONYL COMPOUNDS.

FISONS PHARMACEUTICALS LIMITED, OF 12 DERBY ROAD, LOUGHBOROUGH, LEICESTERSHIRE, ENGLAND.

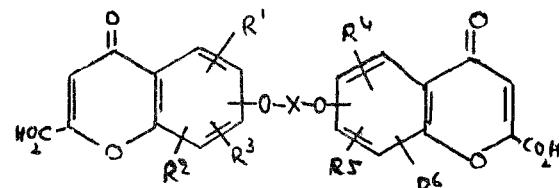
Application No. 10449 filed March 22, 1966.

Convention date March 25, 1965/(12626/65) U.K.

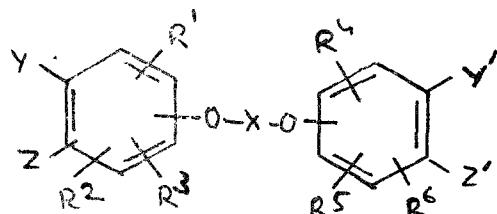
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for the preparation of bis-chromonyl compounds of the formula I.

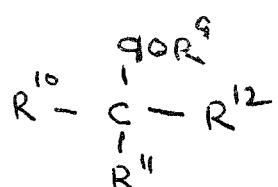


and functional derivatives thereof, in which R¹, R², R³, R⁴, R⁵ and R⁶ are the same or are different and each is a hydrogen or halogen atom or a hydroxy, alkyl, alkoxy or a substituted alkyl or alkoxy group and X is a saturated or unsaturated, substituted or unsubstituted, straight or branched hydrocarbon chain which may be interrupted by one or more carbocyclic or heterocyclic rings, oxygen atoms or carbonyl groups; comprises condensing a compound of the formula IX.



in which Y is a group COCH₃ and Z is a hydroxyl group and Y' is a group COCH₃ and Z' is a hydroxyl group or W

Y' and Z' together form a chain -CO-CH=C-W-O- (in which W is a carboxylic group or a salt, ester or amide thereof), with an oxalic acid derivative of the formula XII.



104449.

in which R⁹ is an halogen atom or a group -OR' (in which R' is an alkyl group); R¹⁰ and R¹¹ are both halogen atoms and R¹² is a group OR' and R¹⁰ and R¹¹ together represent an oxygen atom and R¹² is a halogen atom or a group OR', so as to convert Y and Z and if necessary Y' and Z' to chains of the formula -CO-CH=C(COOH)-O- or salts, esters or amides thereof.

CLASS 32F₃C & 55E₄. I.C.-C07C 169/10. 107775.

PROCESS FOR THE PREPARATION OF PROGESTERONE DERIVATIVES.

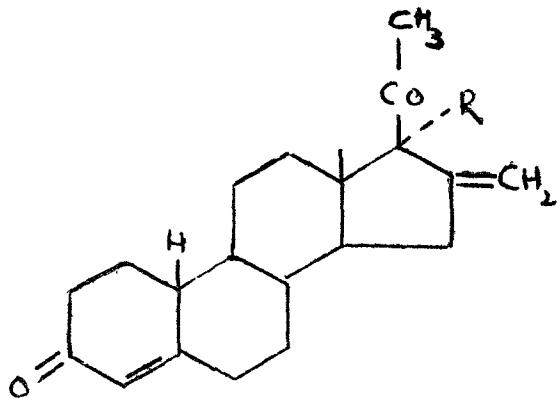
E. MERCK AKTIENGESELLSCHAFT, OF 250 FRANKFURTERSTRASSE, DARMSTADT, WEST GERMANY.

Application No. 107775 filed November 1, 1966.

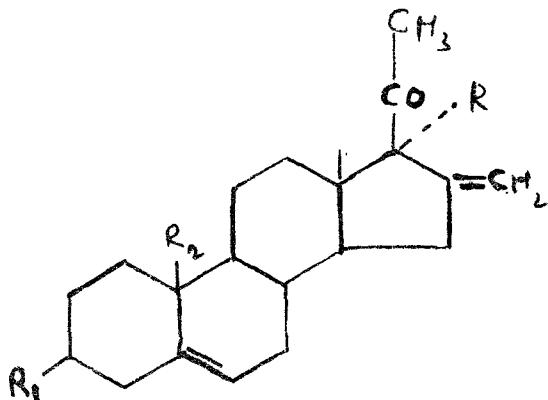
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for preparing compounds of the general formula I.



wherein R is a free hydroxy group capable of being esterified or etherified or an esterified or etherified hydroxy group, which esterified hydroxy group is capable of being saponified when desired, which process comprises oxidising and de-carboxylating in a conventional manner a compound of the general formula II.



where R is as defined above, R₁ is a free or esterified hydroxy group, and R₂ is a free or esterified carboxy group, successively or simultaneously, with the provision that any R₁ or R₂ radical present which represent an esterified hydroxy group or an esterified carboxy group are, if desired, saponified partially before oxidation or decarboxylation by conventional method.

CLASS 32F₂b. I.C.-C07c, 65/10. 108247.

A METHOD FOR PREPARING A STABLE SUSPENSION OF ACETYLSALICYLIC ACID.

MARVIN FAEGES, AT 9807 LORRAINE AVENUE, CLEAVELAND, OHIO, U.S.A.

Application No. 108247 filed December 1, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

The method of preparing a stable suspension of solid acetylsalicylic acid in glycerin, which comprises the slow

mechanical mixing of solid acetylsalicylic acid, of approximately 100 micrometre particle size, with glycerin, in a weight/volume proportion of 8 to 10 grams of acetylsalicylic acid to yield 30 cc of product.

CLASS 32F₂d & 55E₄. I.C.-C07C 143/80. 112751.

PROCESS FOR THE PREPARATION OF SULFONYL UREA DERIVATIVES.

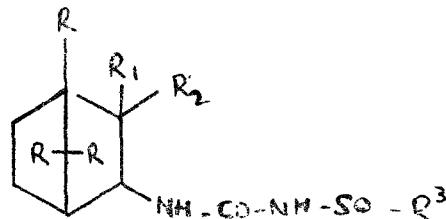
F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184, GRENZACHERSTRASSE, BASLE, SWITZERLAND.

Application No. 112751 filed October 16, 1967.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

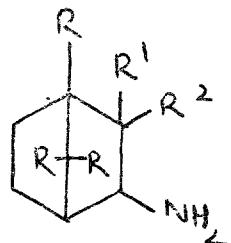
A process for the preparation of sulfonyl urea derivatives of the general formula I.



wherein R is hydrogen or methyl, R¹ is hydrogen; R² is hydroxy or R¹ and R², taken together, are the oxygen atom of a keto group (which can also be present as a ketal), R³ is phenyl; phenyl substituted by halogen lower alkyl, lower alkoxy, lower alkythio, amino acetyl, acylamino or diacylimido; benzamidoethylphenyl substituted by lower alkoxy and/or halogen; or a 5- or 6-membered N-bonded, nitrogen-containing heterocyclic ring, and, if desired, their salts which process comprises reacting a sulfonyl derivative of the formula II.

R³-SO₂-X

wherein X represents the acid grouping -NH-COOH or a lower alkoxy, aryloxy, lower alkylthio, arylthio imidazolyl-(I) or 3, 5-di-lower alkyl-pyrazolyl-(I) derivative thereof or the isocyanate group-NCO, with a bicyclic amine of the formula IV.



wherein R, R¹ and R² are as described above, and reacting the sulfonyl urea derivatives so obtained with pharmaceutically acceptable bases, if salt formation is desired.

CLASS 32F₁ + F₂b & 55E₂+E₄. I.C.-C07d 49/36. 122584.

PROCESS FOR THE PREPARATION OF IMIDAZOLE DERIVATIVES.

JANSSEN PHARMACEUTICA N.V., AT TURNHOUTSEBAAN 30, BEERSE, BELGIUM.

Application No. 122584 filed August 1, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

CLASS 32F₁+F₂b. 55E₄. I.C.-C07d 99/02.

123678.

PROCESS FOR THE PREPARATION OF BENZO-DIAZEPINE COMPOUNDS.

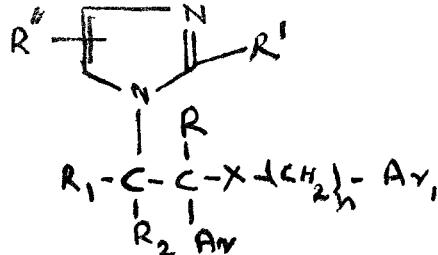
SANKYO COMPANY LIMITED, OF 1-6, 3-CHOME, NIHONBOSHI, HONCHO, CHUO KU, TOKYO, JAPAN.

Application No. 123678 filed October 23, 1969.

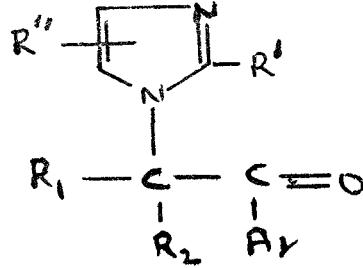
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the preparation of a compound having the formula I.



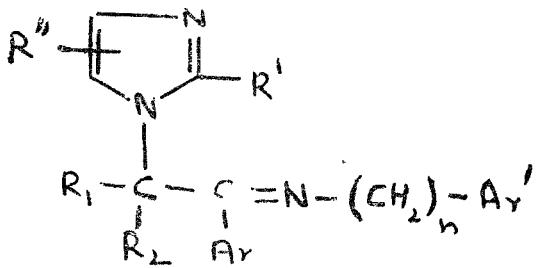
and the therapeutically active acid addition salts thereof wherein: R, R₁ and R₂ are each a member selected from the group consisting of hydrogen and alkyl having 1 to 6 carbon atoms; X is a group consisting of NH; n is the integer zero, 1 or 2; ar is a member selected from the group consisting of phenyl, substituted phenyl, thiophenyl and halo-thienyl, said substituted phenyl containing at least one substituent selected from the group consisting of halo, alkyl having 1 to 6 carbon atoms and alkoxy having 1 to 6 carbon atoms; Ar' is a member selected from the group consisting of phenyl, substituted phenyl and *a*-tetralyl, said substituted phenyl containing at least one substituent selected from the group consisting of halo, alkyl having 1 to 6 carbon atoms, a koxy having 1 to 6 carbon atoms, cyano, nitro and amino; R' is a member selected from the group consisting of hydrogen, methyl and ethyl; and R'' is a member selected from the group consisting of hydrogen and methyl; provided that: when said Ar' is *a*-tertiary, then n is zero; characterized by reacting a compound of the formula II of Fig. 2, with a compound of



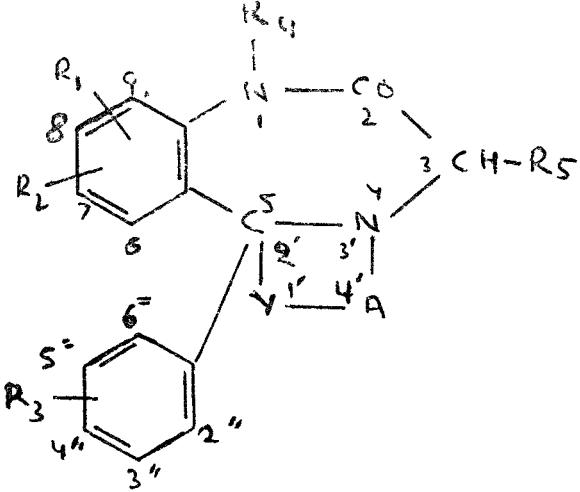
of the formula III of Fig. 2.



in organic solvent, preferably an aromatic hydrocarbon and in the presence of an acid, in order to prepare a compound of the formula IV of Fig. 2.



and reducing by conventional method said compound IV to a compound of the formula I above wherein X is NH; and, if desired preparing a therapeutically active acid addition salt of said compound of Fig. 1, by reacting with corresponding acid.

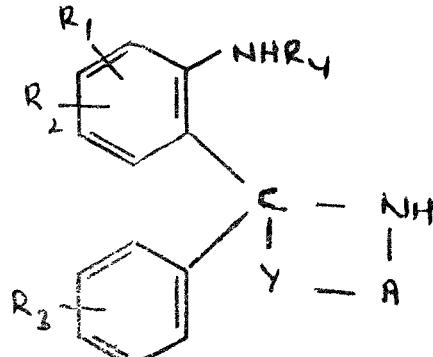


wherein R₁, R₂ and R₃ may be the same or different and each represents hydrogen atom, a lower alkyl group, a halogen atom, hydroxy group, nitro group, an acyl group, trifluoromethyl group, amino group, an acylamino group, a N-mono (lower alkyl) amino group, a N-di (lower alkyl) amino group, an acyloxy group, carboxyl group, an a koxycarbonyl group, carbamoyl group, a N-mono (lower alkyl) carbamoyl group, a N-di (lower alkyl) carbamoyl group, a lower alkylthio group, a lower alkylsulfhydryl group or a lower alkylsulfonyl group;

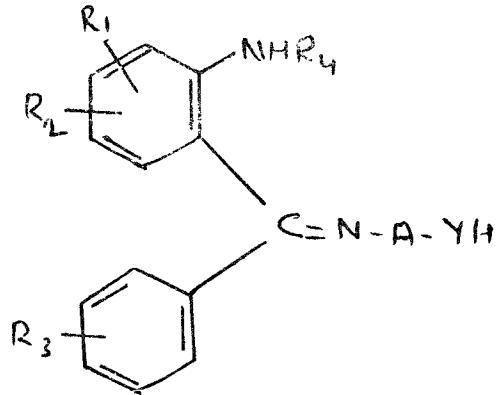
R₄ represents hydrogen atom, a lower alkyl group, a cycloalkyl group, an aralkyl group, an aryl group or phenacyl group;

R₅ represents hydrogen atom or a lower alkyl group; A represents an alkylene group which may be straight or branched; and

Y represents oxygen atom or sulfur atom which comprises reacting a compound having the formula (II) or,

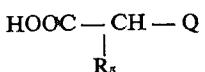


its chemical equipment, the tautomer of formula (II').



123678.

wherein R₁, R₂, R₃, R₄, Y and A are as defined above or a mixture of these compounds with a reactive derivative of carboxylic acid having the formula (III).



wherein Q represents an acid radical of a reactive ester, as herein described and R₅ is as defined above, the lower alkyl or lower alkoxy having 1 to 5 carbon atoms.

CLASS 32**a** & 55E_a. I.C.-CO7d 41/08. 124865.

PROCESS FOR THE PREPARATION OF HEXA-HYDRO-14-AZEPINES.

JOHN WYETH & BROTHER LIMITED, OF HUNTER-COMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

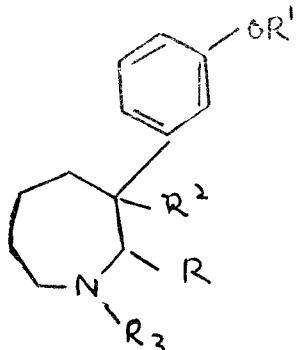
Application No. 124865 filed January 15, 1970.

Convention date January 28, 1969/(4694/69) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

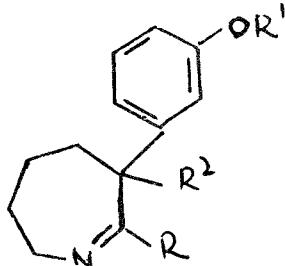
12 Claims.

A process for the preparation of a new hexahydroazepine derivative of the general formula (II).



or an acid addition or quaternary ammonium salt thereof in which R is a lower alkyl radical, R¹ is a hydrogen atom, a lower alkyl radical, a benzyl radical or a lower alkanoyl radical, R² is a lower alkyl radical, R³ is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, cycloalkyl-methyl, lower alkanoyl, alkoxy-carbonyl, a phenacyl or phenethyl group which may be substituted in the benzene ring or a β-benzoylethyl radical which may be substituted in the

benzene ring, and the term "lower" means that the radical contains up to 6 carbon atoms which process comprises reducing a compound of general formula (IV).



where R and R² are as defined above and R¹ is lower alkyl or benzyl and, if desired, de-etherifying by methods known per se the product in which R¹ is lower alkyl or benzyl to give the product in which R¹ is hydrogen, acylating by methods known per se a compound in which R¹ is hydrogen to obtain a compound in which R¹ is lower alkanoyl "alkylating" as hereinbefore defined a product in which R³ is hydrogen or converting a free base of formula (II) into an acid addition or quaternary ammonium salt thereof.

CLASS 32F_ac. I.C.-CO7c 103/52.

131080

A PROCESS FOR PREPARING A PEPTIDE.

E. R. SQUIBB & SONS, INC., 909 THIRD AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 131080 filed April 22, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A process for preparing a peptide of the formula R¹-Trp-Pro-Y-Pro-B

in which : Y is arginine, histidine, lysine or glycine, B is hydroxy or -Z-ile-Pro-Pro where Z is asparagine or glutamine, and R¹ is an amino-protecting group or Pyr(X)_n when B is hydroxy; and Pyr(X)_n when B is -Z-ile-Pro-Pro, and X is asparagine, serine, or norleucine and n is zero or 1, characterized by introducing by conventional peptide synthesis methods such as herein described to the Trp-terminal portion of a peptide of the formula

Trp-Pro-Y-Pro-B

wherein B and Y are as previously defined an amino protecting group in the case wherein B is hydroxy; or where B is hydroxy or Z-ile-Pro-Pro the group (X)_n and then a pyroglutamyl group and, if desired, converting the compound so obtained to its physiologically acceptable acid addition salts and C-terminal carboxyl protected derivatives thereof by reacting it with respective acids such as herein described.

CLASS 32F_ab & 55E_a. I.C.-CO7d 29/02.

132765.

PROCESS FOR THE PREPARATION OF PIPERIDINE DERIVATIVES.

JOHN WYETH AND BROTHER LIMITED, OF HUNTER-COMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

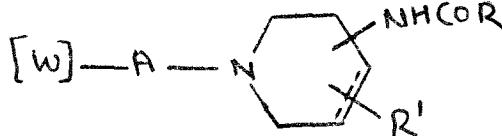
Application No. 132765 filed September 3, 1971.

Convention date September 3, 1970/(42090/70) U.K.

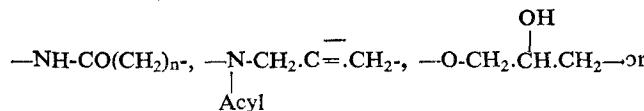
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

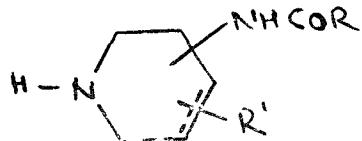
A process for preparing a compound of formula I.



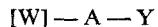
in which the dotted line represents an optional bond; W represents a cycloalkyl radical containing five to seven ring carbon atoms or an aryl or heterocyclic aryl radical other than an indolyl radical, all of which radicals may be unsubstituted or substituted by groups as hereinbefore defined; A represents a lower alkylene radical, a mono- or diketo lower-alkylene radical having 2 to 6 carbon atoms, a hydroxy-lower-alkylene radical, or a bivalent radical of the formula



-O-(lower-alkylene)-; R¹ represents hydrogen, halogen or lower alkyl; n is the integer 1 or 2; Acyl is an acyl radical; R represents an aryl radical (including heterocyclic aryl radicals) which may be unsubstituted or substituted by groups as hereinbefore defined aryl lower alkyl diaryl-lower alkyl, cycloalkyl containing five to seven ring carbon atoms or lower alkoxy; and the acid addition and quaternary ammonium salts thereof; with the provisos that (i) when W is unsubstituted phenyl, and A is lower alkylene, and R¹ is lower alkyl, and R is unsubstituted or substituted phenyl then the optional bond is absent and (ii) when W is unsubstituted phenyl, and A is methylene or ethylene, and R¹ is hydrogen, and R is phenyl, which may be substituted or unsubstituted, or phenyl lower alkyl, then the optional bond is present, characterised by reacting a compound of the general formula III.



with an alkylating or acylating agent of the general formula (IV).



in which formulae the dotted line W, R¹, R and A have the meanings defined above and Y is a halogen atom or an equivalent replaceable atom or radical known in the art and, if desired, converting a free base of formula I obtained to an acid addition or quaternary salt thereof by a method known per se.

CLASS 32C. I.C.-CO7g 7/026. 137995.

PROCESS FOR THE PURIFICATION OF KALLIKREIN.

BAYER AKTIENGESELLSCHAFT OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 1757/72 filed October 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A process for the purification of Kallikrein, comprising the steps of:—

(1) treating a crude aqueous solution containing Kallikrein with a solution of a lead or zinc salt to produce a precipitate containing Kallikrein,

(2) eluting Kallikrein from the precipitate to produce a solution of Kallikrein;

(3) desalinating the said solution to produce a desalinated solution of Kallikrein;

(4) adsorbing the Kallikrein from the desalinated solution onto a macroporous anion exchanger and eluting it therefrom to obtain an eluted solution containing Kallikrein; and

(5) contacting the eluted solution with a macroporous cation exchanger and separating the exchanger therefrom to produce a pure solution of Kallikrein.

CLASS 154E & 203. I.C.-BO7C 5/28.

137996.

DEVICE FOR SINGULATING OR FEEDING DOCUMENTS ONE-AT-A-TIME FROM A STACK.

BURROUGHS CORPORATION, AT 6071 SECOND AVENUE, BURROUGHS, DETROIT, MICHIGAN 48232, U.S.A.

Application No. 707/Cal/73 filed March 28, 1973.

Convention date January 16, 1973/(2133/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A device for feeding documents one at a time from a stack comprising .

a vacuum chamber operatively connected to generate an area of low atmospheric pressure adjacent a face portion thereof, said face portion of said chamber being positioned in proximity to said stack and bearing a predetermined angular relationship to the flat sides of the documents as arranged in said stack, said area of low pressure causing a portion of each of said documents prior to being fed to be attracted to and to bend toward said face portion of said chamber,

at least a single moving perforated feed belt operatively connected to contiguously traverse said face portion of said vacuum chamber,

a plurality of pusher fingers positioned adjacent said face portion of said chamber and being intermeshed with said feed belt, said pusher fingers being capable of assuming either of two positions comprising respectively an extended position above and a retracted position below the surface of said feed belts, and

control means coupled to said pusher fingers and operatively connected for causing said fingers to assume said extended position whereby an initial one of said documents already bent toward said face portion of said vacuum chamber is prevented by said pusher fingers from contacting said moving feed belt, said control means being further adapted to subsequently cause said pusher fingers to assume said retracted position whereby a start-feed cycle is initiated in which said initial document is allowed to contact said feed belt and is fed away from said stack.

CLASS 24D. I.C.-B60t 13/12.

137997.

IMPROVEMENTS RELATING TO INTERNAL SHOE-DRUM BRAKES.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, WARWICKSHIRE, ENGLAND.

Application No. 438/Cal/73 filed February 28, 1973.

Convention date March 3, 1972/(9920/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An internal shoe drum brake in which an actuator for separating the shoes is located between the shoes at one end and between the other ends of the shoes there is located an abutment unit comprising a body fixed to the

stationary back plate of the brake, a first normally non-rotatable member slidably in the body for co-operation with one shoe, a second normally non-rotatable member axially slidably in the body for co-operation with the end of the other shoe, and an intermediate component extending between the members and including a stop adapted to engage with a part of the body and to limit movement of one member towards the other.

CLASS 170B & 188. I.C.-B23b 3/00. 137998.

CUTTING ELEMENTS FOR CUTTING TOOLS AND A METHOD FOR FORMING THE SAME.

SANDVIK AKTIEBOLAG, OF FACK S-81101, SANDVIKEN 1, SWEDEN.

Application No. 1857/72 filed November 10, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A cutting element comprising a core of sintered hard metal containing at least one carbide and a binder metal, one or more intermediate coatings deposited on the core and made of one or more carbides and/or nitrides of one or more of Ti, Zr, Hf, V, Nb, Ta, Cr, Mo, W, Si and B, and one or more wear-resistant ceramic coatings deposited from a gaseous phase on to the one or more intermediate coatings.

CLASS 55E & 182A+B. I.C.-C13d 1/14, C13K 9/00, A67K 27/00. 137999.

A PROCESS FOR THE PREPARATION OF D-GALACTOSE FROM CASHEWNUT SHELLS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 2232/72 filed December 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings.

A process for the preparation of D-galactose from cashewnut shells which consists in hydrolysing an aqueous extract of cashewnut shells by acidifying a concentrate of the extract and heating the acidified aqueous concentrate at 80° to 180°C for half hour to twenty hours followed by filtering the hydrolysate from the undissolved material, neutralising the filtrate by inorganic bases or carbonates or by anion exchange resins, concentrating the filtrate to a syrup preferably under reduced pressure, dissolving sugars from the syrup in methanol, ethanol or rectified spirit, filtering the inorganic material and metallic salt of uronic acid if present from the alcoholic sugar solution, decolorising the filtrate with active carbon, concentrating the sugar solution to a syrup containing impure D-galactose and crystallising D-galactose from the syrup, when required, by the use of a suitable solvent.

CLASS 148H & 194C_a+C_b. I.C.-H01j 39/04, 39/34. 138000.

AN IMPROVED GLOW-TUBE FOR X-RAY SPECTROMETRY WITH DIRECTLY EXCITED SAMPLES.

SOCIETE NATIONALE DES PETROLES D'AQUITAINE, OF TOUR AQUITAINE, 92 COURBEVOIE, FRANCE.

Application No. 2239/72 filed December 27, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A glow-tube suitable for use in X-ray spectrometry using a directly-excited sample, comprising a generally cylindrical insulating casing housing a disc-shaped cathode adapted for connection to a high-voltage source and an anode in the form of a grid connected to earth, the casing having an opening at one end leading to the spectrometer chamber, the cathode, anode and opening all being located along the longitudinal axis of the casing.

CLASS 27A+L, 116A & 162. I.C.-F16g 11/02, 11/03, 11/04. 138001.

WIRE CABLE ANCHORING ASSEMBLY.

ANTONIO BRANDESTINI, OF ALTE LANDSTRASSE 60, KUSNACHT, SWITZERLAND.

Application No. 120/Cal/73 filed January 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A wire cable anchoring assembly, comprising an anchoring body having bores therethrough, individual wires of a cable guided through said bores and anchored at their ends to said anchoring body, a support body located at the side of said anchoring body from which the wires are extending, integral extensions of said supporting body forming cushions which project into the bores between the walls of the bores and the wires, the support body and its integral extensions being of a material which is softer than the cable wires, the support body bearing against the anchoring body and the wires bearing against the support body and against the cushions.

CLASS 68B & 70B. I.C.-H02j 3/00, H02g 5/00. 138002.

DEVICE FOR INSTALLING BUSBARS IN ELECTROLYZERS FOR PRODUCING ALUMINIUM.

VSESOJUZNY NAUCHNO-ISSLEDOVATEISKY I PROEKTNY INSTITUT ALJUMINIEVOI, MAGNIEVOI I ELEKTRODNOI PRONYSHLENNOSTI, OF SREDNY PROSPEKT 82, LENINGRAD, U.S.S.R.

Application No. 412/Cal/73 filed February 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A device for installing busbars in electrolyzers for aluminium production arranged lengthwise in one row in each of the casings spaced from each other crosswise at different intervals comprising two by-pass stacks disposed on both sides of each electrolyzer wherein the by-pass stack spaced at a greater interval from the nearby casing is fed with a current of higher magnitude than the by-pass stack disposed on the side of the nearby casing and fed with a current distributed on its anode bars of each next electrolyzer in the following percentage of the total current passing through the electrolyzer: 35–40% — to the input anode bar positioned on the side of the remote casing 10–15% — to the output anode bar positioned on the side of the remote casing, 30–35% — to the input anode bar positioned on the side of the nearby casing and 15–20% — to the output anode bar positioned on the side of the nearby casing.

CLASS 116C+L. I.C.-B65g 15/06. 138003.

IMPROVEMENTS RELATING TO BELT CONVEYORS.

JACK BRITTON, FORMERLY OF 38, NIDDRIE ROAD, EDINBURGH EH15 3PB, SCOTLAND BUT NOW OF 12, MARIBOROUGH STREET, PORTOBELLO, EDINBURGH 15, SCOTLAND.

Convention date July 12, 1972/(32592/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Calcutta.

6 Claims.

A belt conveyor of the kind in which an endless conveyor belt is supported on rollers which are carried by conveyor side structure, wherein belt deflector surfaces are provided on the conveyor side structure at the roller positions, each deflector surface being inclined downwardly from the conveyor side structure from a level above the upper surface of the adjacent end of the roller to a level below the said upper surface.

CLASS 32F₂b & 55E₂+E₁. I.C.-C07d 99/24. 138004.

PROCESS FOR THE PREPARATION OF A Z-AMIDO-7-C-CEPHALOSPORIN ACID.

AMERICAN HOME PRODUCTS CORPORATION OF 685, THIRD AVENUE NEW YORK-10017. NEW YORK, UNITED STATES OF AMERICA.

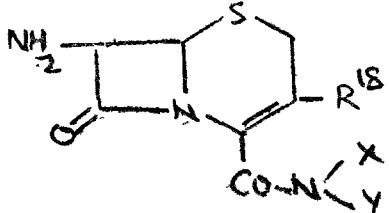
Application No. 1314/Cal/74 filed June 15, 1974.

Division of Application No. 123431 filed October 4, 1969.

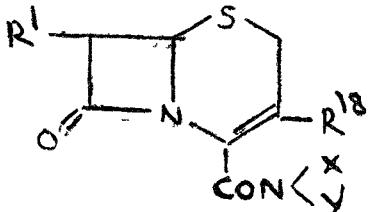
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the preparation of a 2-amido-7-cephalosporin acid of general formula I.



or an acid addition salt thereof in which X is an electron withdrawing group, Y is an electron withdrawing group or X and Y are joined to form an electron withdrawing cyclic group, in which 2-amidocephalosporin of general formula II.



where R¹ is a penicillin or cephalosporin amide group, R¹⁸ is a methyl, hydroxymethyl, N-pyridiniumylmethyl or alkanoyloxymethyl group and X and Y are as defined above, is reacted in a reaction inert aprotic solvent with a phosphorus pentahalide in the presence of a base to afford a corresponding 2-amido-7-haloimidoylecephalosporin which is reacted with an alkanol to afford the hydrohalide of a corresponding 2-amido-7-iminoether cephalosporin which in turn is hydrolysed with water to afford 2-amido-7-aminocephalosporin acid hydrohalide which if desired, is neutralised and, if desired, a further acid addition salt is obtained by adding an acid.

OPPOSITION PROCEEDINGS

Application for Patent No. 135852 made by Shri Chandrakant Somabhai Patel, an opposition to which was entered by Gujarat Plastic & Metal Containers Pvt. Ltd., as notified in the Gazette of India, Part III, Section 2, dated the 11th January, 1975, has been treated as abandoned.

PRINTED SPECIFICATION PUBLISHED.

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two Rupees per copy:—

82539 84260 87276 93201 93451 97317 100051 102142
102724 103583 109553 111067 111954 114864 116200 121570
122439 123540 126405 127917 129251 130394 136271 136274
136275 136282 136290.

(2)

132225 132421 132924 133262 133351 133355 133432 133482
133483 133580 133581 133671 133715 133813 133938 133945
133946 134037 134053 134152 134173 134261 134280 134321
134344 134583 134597 134610 134616 134732 135045 135056
135097 135128 135146 135306.

(3)

89435 98850 99958 103304 108304 114860 119691 136559
136570 136582.

(4)

105262 113985 136658 136660 136674 136675.

PATENTS SEALED

81912 89927 92996 99227 99315 104837 110356 113721
113812 117534 118277 119086 119782 136353 136354 136355
136369 136371 136385 136389 136404 136406 136411 136422
136423 136431 136434 136454 136455.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The Claim made by BRAYTON CYCLE IMPROVEMENT ASSOCIATES under Section 20(1) of the Patents Act, 1970 to proceed with application for Patent No. 130983 in their name has been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

97326 ... M/s. Wagner Spray Tech Corporation.

RENEWAL FEES PAID.

73746 73764 74331 78797 78958 79103 79319 79373 79439
79470 79471 82539 84488 84521 84574 84670 84683 84684
85126 85194 85216 87733 88075 88076 90136 90161 90234
90247 90362 90409 90512 90561 90587 90999 91262 92029
93102 95660 95725 95906 95936 95967 95997 96004 96063
96893 96103 96162 96184 96273 96396 96529 96570 96611
96621 96648 100159 100264 100503 101827 101828 101829
101830 101831 101856 102260 102300 102537 102557 102560
102724 102986 103059 103326 103466 105234 107383 107419
107562 107892 107996 108014 108099 108100 108175 108716
109953 110833 112035 112287 112494 112724 112788 112937
112938 113025 113044 113072 113098 113099 113100 113152
113153 113179 113204 113241 113284 113531 113572 115939
116938 117904 117913 118008 118024 118135 118183 118351
118500 118543 118618 118753 118779 118836 119134 121570

123128 123167 123497 123595 123669 123723 123764 123855
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 124536 127917 128244 128468 128474 128714 128792 128835
 128836 128862 128901 129185 129186 129318 129379 129383
 129400 129618 130128 131685 132816 132822 133037 133103
 133114 133117 133123 133129 135130 133172 133173 133177
 133182 133253 133255 133328 133423 133439 133458 133658
 133690 133725 133733 133769 133839 133906 134451 134676
 134766 134841 135523 135611 136035 136072 136150 136192
 136332 136366 136370 136409 136428 136429 136436 136448
 136451 136462 136463 136494 136498 136505 136522 136542
 136639 136643 136694.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. Nos. 142932, 142933, 142934, 142935, 142936 & 142938. Soma Plumbing Fixtures Limited, Shahibabad, Distt. Meerut, Uttar Pradesh (A company incorporated under the Indian Companies Act). "A faucet". April 21, 1975.

Class 1. No. 142940. Soma Plumbing Fixtures Limited, Shahibabad, Distt. Meerut, Uttar Pradesh (A company incorporated under the Indian Companies Act). "A water regulating valve". April 21, 1975.

Class 1. No. 142941. Soma Plumbing Fixtures Limited, Shahibabad, Distt. Meerut, Uttar Pradesh. (A company incorporated under the Indian Companies Act). "A shower". April 21, 1975.

Class 1. No. 143032. Modern Electronics, G-1/2, Model Town, Delhi-9, Indian partnership concern. Indian Nationals. "Telephone device". May 15, 1975.

Class 1. No. 143127. Anjan Dey, Indian, trading as Systematics Corporation, of 7 Kashi Nath Dutta Road, Calcutta-36, West Bengal. "Card duplicators". June 23, 1975.

Class 1. Nos. 143131 & 143132. Arun Shankarlal Talwar, An Indian Citizen, 7, Swastik Society, North South Road, No. 1, Vile Parle (West), Bombay-400056, Maharashtra, India. "A tong for mouth opener device". June 24, 1975.

Class 1. No. 143033. G. R. Industries, C-102, Mayapur Industrial Area, New Delhi-110027, Indian Sole Proprietorship Concern. Indian National. "Toy Sewing Machine". May 15, 1975.

Class 1. No. 143077. Zenith Metal Industries, 2-A, Ali Umar Street, Nili Bazar, Bombay-3, Maharashtra State, India. An Indian Partnership firm. Indian Nationality. "Cabinetslider". May 30, 1975.

Class 1. No. 143201. Ramkisan Lalchand Nawander, Indian National, of Block 16, Chandak Chawal, Vakil Wad, Nasik City, Maharashtra, India. "Bench and Desk Unit". July 7, 1975.

Class 3. No. 143031. A. Bipin, of 83, Stock Exchange, New Building, Fort, Bombay-400001, A partnership firm duly registered under the Indian Partnership Act. "Power regulator". May 15, 1975.

Class 3. No. 143071. Kwality Rubber Products, 16-18, Noble Chambers, 2nd Floor, Parsi Bazar Street, Fort, Bombay-400001, Maharashtra State. A sole proprietary concern. Indian National. "Soap holders". May 29, 1975.

Class 3. No. 143080. N. V. Philips' Gloeilampenfabrieken. A limited liability Company, organized and existing under the laws of the Kingdom of the Netherlands, of Emmasingel, 29, Eindhoven, The Netherlands. "A dry shaver". May 1, 1975 (U.K.).

Class 3. No. 143081. N. V. Philips' Gloeilampenfabrieken. A limited liability Company organized and existing under the laws of the kingdom of the Netherlands, of Emmasingel, 29, Eindhoven, The Netherlands. "A dry shaver". May 1, 1975 (U.K.).

Class 3. No. 143091. Dunlop Limited, A British Company, of Dunlop House, 25 Ryder Street, St. James's London SW1Y 6PX, England. "Tyre for a vehicle wheel". December 6, 1974 (U.K.).

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS).

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration.

135139. . . Shrimohandas, Sampuranand, Luxmichand and Surajkumar.

S. VEDARAMAN
Controller-General of Patents, Designs
and Trade Marks.